

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/CH 02/00685

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 F25B41/06

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F25B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

PAJ, EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 2003, no. 01, 14 January 2003 (2003-01-14) -& JP 2002 267279 A (ZEXEL VALEO CLIMATE CONTROL CORP), 18 September 2002 (2002-09-18) abstract, paragraph 20; figure 2	1,2
A	EP 1 014 013 A (SANDEN CORP) 28 June 2000 (2000-06-28) column 4, line 8 -column 12, line 17; figures 1-4	1-3
A	DE 100 53 203 A (DENSO CORP ;NIPPON SOKEN (JP)) 7 June 2001 (2001-06-07) column 5, line 40 -column 29, line 68; figures 1-36	1,2,4,6, 7
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

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Date of the actual completion of the international search

11 September 2003

Date of mailing of the international search report

19/09/2003

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 835 980 A (OYANAGI REINOSUKE ET AL) 6 June 1989 (1989-06-06) column 1, line 14 -column 3, line 35 column 10, line 22 -column 18, line 53; figures 1,10-15 ----	1,3,6
A	DE 44 30 468 A (DANFOSS AS) 29 February 1996 (1996-02-29) column 2, line 58 -column 3, line 68; figure ----	1,4,10
A	US 4 878 355 A (BECKEY THOMAS J ET AL) 7 November 1989 (1989-11-07) column 2, line 13 -column 5, line 9; figures 1-5 ----	1,4
A	DE 195 06 143 A (DANFOSS AS) 5 September 1996 (1996-09-05) page 3, line 53 -page 5, line 45; figures 1-3 ----	1,6
A	WO 02 086396 A (CRANE CURTIS ;JUDGE JOHN (US); YORK INTERNAT CORP (US)) 31 October 2002 (2002-10-31) page 4, paragraph 19 -page 18, paragraph 64; figures 1-9 -----	3,4,7

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Information on patent family members

International Application No

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			WO 02086396 A1		31-10-2002

## INTERNATIONALER RECHERCHENBERICHT

Internationales Aktenzeichen

PCT/CH 02/00685

C.(Fortsetzung) ALS WESENTLICH ANGESEHENE UNTERLAGEN

Kategorie*	Bezeichnung der Veröffentlichung, soweit erforderlich unter Angabe der in Betracht kommenden Teile	Betr. Anspruch Nr.
A	US 4 835 980 A (OYANAGI REINOSUKE ET AL) 6. Juni 1989 (1989-06-06) Spalte 1, Zeile 14 -Spalte 3, Zeile 35 Spalte 10, Zeile 22 -Spalte 18, Zeile 53; Abbildungen 1,10-15 ----	1,3,6
A	DE 44 30 468 A (DANFOSS AS) 29. Februar 1996 (1996-02-29) Spalte 2, Zeile 58 -Spalte 3, Zeile 68; Abbildung ----	1,4,10
A	US 4 878 355 A (BECKEY THOMAS J ET AL) 7. November 1989 (1989-11-07) Spalte 2, Zeile 13 -Spalte 5, Zeile 9; Abbildungen 1-5 ----	1,4
A	DE 195 06 143 A (DANFOSS AS) 5. September 1996 (1996-09-05) Seite 3, Zeile 53 -Seite 5, Zeile 45; Abbildungen 1-3 ----	1,6
A	WO 02 086396 A (CRANE CURTIS ;JUDGE JOHN (US); YORK INTERNAT CORP (US)) 31. Oktober 2002 (2002-10-31) Seite 4, Absatz 19 -Seite 18, Absatz 64; Abbildungen 1-9 -----	3,4,7